

GSM Gateway



- ► High sensitivity of receiving and sending,
- ► Strong emitting power
- ► Emulates switching equipment
- ► Phone/SIM card locking function
- ► Supports Office PBX
- ► Backup power system

The GSM Gateway of Bosch is designed to connect a Carephone to a monitoring center through the GSM network. This type of connection is independent of the fixed-line network or broadband connection of the subscriber. The GSM Gateway is meant to be used as a backup system.

System Overview

The GSM Gateway contains a modem which translates the dial request into a GSM protocol. The GSM Gateway thus functions similarly to a GSM telephone with an analog connection.

The GSM Gateway is equipped with a series of LEDs that show its status and signal strength. A SIM card slot allows easy programming.

Additional functions are available such as quick dialing, forbidden calls indication and volume adjustment.

Installation/Configuration Notes

It is recommended to avoid using prepaid cards within the GSM Gateway.

Use only rechargeable batteries as backup power system.

Parts Included

Quant.	Component
1	GSM Gateway
1	Power adapter
1	Set of backup batteries
1	Antenna with cable
1	RJ11 cable
1	User manual

Technical Specifications

Reception

Gain

110-240V, DC7.5V, 1.5A Switched-mode power supply 110-240V, DC12V, 1.0A **Backup Batteries** NiMH AA 1100mAh 1.2V (5 pieces) Battery life In standby: approx. 7 hours In continuous ttalk: approx. 1 hour Operating temperature 0°C to +55°C Relative humidity 10 to 95% Working frequency (MHz) Up: 890~915 1710~1785 1850~1910 Down: 935~960 1805~1850 1930~1990 Transmission < 2 W

- 103 dBm

2 dBm

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Noise	< 60 dBA
Stability	> 2.5 ppm
Distance between phone and GSM Gateway	maximum 100 m

Ordering Information

GSM Gateway

CRS-GSM-HTS

External modem for Carephones 52+ and 62.

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